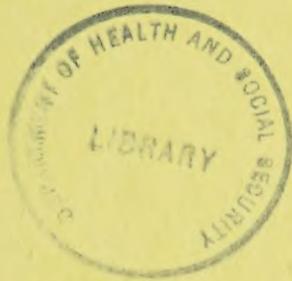


URBAN DISTRICT COUNCIL OF MARPLE



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND THE
CHIEF PUBLIC HEALTH INSPECTOR.

on the work of the

PUBLIC HEALTH DEPARTMENT

For the year ended 31st December, 1970.

Council Offices,
MARPLE,
Cheshire.

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PUBLIC HEALTH OFFICERS OF THE COUNCIL

----- 000000 -----

Medical Officer of Health

T.W. BRINDLE, M.B., Ch.B., D.P.H.
253, London Road,
HAZEL GROVE.

Telephone No. 061 - 483 3842

Chief Public Health Inspector

FREDERICK SHACKLOCK, M.A.P.H.I.
(Certified Meat and Food Inspector)
(Certified Smoke Inspector)
(Retired October, 1970)

DAVID BEARDMORE, M.A.P.H.I., M.R.S.H.
(Appointed Chief Public Health Inspector
October 1970)

Deputy Public Health Inspector

DAVID BEARDMORE, M.A.P.H.I., M.R.S.H.
(Promoted Chief Public Health Inspector
October, 1970)

IAN G. TAYLOR M.A.P.H.I., M.R.S.H., A.M. Inst. P.C.
(Appointed September, 1970)

Additional Public Health Inspector

MICHAEL LEE
(Appointed April 1970)
(Resigned October 1970)

IAN F. BEBBINGTON M.A.P.H.I.,
(Appointed November 1970)

Technical Assistant

PHILIP J. WALKER
(Appointed August 1965)

Engineer and Surveyor
E. BALL C. Eng., F.I. Mun.E.

PUBLIC HEALTH COMMITTEE

1970

Chairman of the Council
Councillor M.T. Burton.

Chairman
Councillor G. Tracy.

Vice-Chairman
Councillor R.B. Burns.

Councillor J.K. Blythe.
Councillor M. Boardman.

Councillor Mrs. A. Clark.
Councillor W. Flunder.
Councillor D. Lomas.
Councillor B.J. Warwick.

URBAN DISTRICT COUNCIL OF MARPLE

ANNUAL REPORT FOR 1970.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present my annual report for the year ended 31st December, 1970.

The population of the Urban District, as estimated by the Registrar General, decreased from 24, 100 at mid-year 1969 to 24, 040 at mid-year 1970. This comes as something of a surprise in a district which has been growing steadily for many years and in which new housing development continued and in which live-births exceeded deaths by 123. There were 351 live-births of which 21 (6%) were illegitimate. The adjusted birth rate was 16. 9 per thousand population which is higher than the rate for England and Wales of 16. 0. There were 8 still-births and the still-birth rate of 22. 0 per thousand total live and still-births is higher than the corresponding rate of 13.0 for England and Wales.

There were 228 deaths at all ages and the adjusted death-rate was 10. 8 per thousand population which is below the rate of 11. 7 for England and Wales. 109 deaths (48%) were at the age 75 years and over. There were 4 infant deaths giving an infantile mortality rate of 11 per thousand live-births which is considerably less than the rate of 18 for England and Wales. There were 9 deaths from lung cancer including 3 women. In 1969 there were 10 deaths from this cause and 6 in 1968. There were 56 deaths from ischaemic heart disease compared with 44 in 1969 and 49 in 1968.

There was no serious outbreak of infectious disease during the year. Measles cases, however, showed a considerable increase and in spite of the measles vaccination campaign were the highest since 1967. There were three cases of pulmonary tuberculosis notified in 1970 compared with 4 in 1969 and 4 in 1968. In addition there were 3 cases of non-pulmonary tuberculosis, there was 1 in 1969 and 1 in 1968.

The Consultative Document setting out the Government's views on National Health Service Reorganisation was recently published. The intention is to do away with the existing tripartite administration and to substitute a unified two-tier administration with a strong upper regional tier to plan the National Health Service in the region and to allocate resources to the second tier authorities, the area health authorities. The latter will be responsible for planning, organising and administering comprehensive health services in their area which will match the area of the proposed new local authorities. The importance of good management at all levels is stressed and special studies are being arranged to report before the final proposals are made.

The importance of strong links between the health services and the newly created Social Services Department which came into being on 1st April, 1971, is also stressed in the Consultative Document. In Cheshire as from 1st April, 1971, the Social Services Department took over the functions of the former County Welfare and Children's Departments, together with certain of the county health services which have a mainly social content: these included the domestic help service, day nurseries and mental welfare services. Figures relating to the domestic help service in the Council's area appear for the last time in this report. The County Health Department retains all the personal medical services for which it is responsible and these of course comprise far and away the greater proportion of the work load. There will, however, now be the opportunity for

developing and expanding the health services. Greater attention can now be given to the epidemiology and prevention of a wide range of diseases. The planning and management of the proposed new health centres will occupy an increasing amount of time. The developmental assessment of young children and the establishment of closer links with the school health service is a high priority. It is hoped to start in the immediate future a pilot scheme to investigate the value of geriatric screening examinations. The planning for the integration of the county health services with the general practitioner and hospital services envisaged in the near future by the Government's Consultative Document will also occupy much time and thought.

In October 1970, Mr. Frederick Shacklock retired from the post of Chief Public Health Inspector after 26 years. I should like to take this opportunity of putting on record the valuable contribution which Mr. Shacklock has made to the health services in the area during this period and my thanks to him for his loyalty to me and for his conscientious service during our long association in the Health Department.

I should like to thank the Chairman and members of the Health Committee, the Officers of the Council and the staff of the Health Department, for their help throughout the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

T.W. BRINDLE.

Medical Officer of Health.

SECTION A.

Statistics and Social Conditions of the Area

Area (in acres)	7, 130
Population (Census 1951)	13, 068
Population (Census 1961)	16, 812
Population 1970 (Registrar General's mid-year Estimate)	24, 040
Number of inhabited houses	7, 844
Rateable Value at 1st April, 1971	£ 834, 897
Product of a Penny Rate for the year 1970/1971	£ 3, 356

VITAL STATISTICS

LIVE BIRTHS

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	166	164	330
Illegitimate	12	9	21
	<u>178</u>	<u>173</u>	<u>351</u>

Live Birth Rate per 1,000 population

	<u>Marple</u>	<u>England and Wales</u>
1969	14. 2	16. 3
1970	14. 6	16. 0
Area Comparability Factor	1. 16	1. 00
Local adjusted rate 1970	16. 9	16. 00

Illegitimate Live Births per cent of Total Live Births

1969	5. 0%	8. 0%
1970	6. 0%	8. 0%

STILL BIRTHS

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	5	3	8
Illegitimate	—	—	—
	<u>5</u>	<u>3</u>	<u>8</u>
Total Live and Still Births -		359	

Still Birth Rate per 1,000 Live and Still Births

	<u>Marple</u>	<u>England and Wales</u>
1969	14. 0	13. 0
1970	22. 0	13. 0

Infant Deaths

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	1	3	4
Illegitimate	—	—	—
	1	3	4

Death Rates Infantile i.e. Infants under 1 year of age
Infantile Death Rate per 1,000 total live births

	<u>Marple</u>	<u>England and Wales</u>
1969	17. 5	18. 0
1970	11. 0	18. 0

Infantile Death Rate of Legitimate Babies per 1,000
Legitimate Live Births

	<u>Marple</u>	
1969	15. 0	17. 0
1970	12. 0	17. 0

Infantile Death Rate of Illegitimate Babies per 1,000
Illegitimate Live Births

	<u>Marple</u>	
1969	63. 0	25. 0
1970	—	26. 0

Neo-natal Mortality Rate (deaths under 4 weeks per 1,000)
total Live Births

	<u>Marple</u>	
1969	17. 0	12. 0
1970	9. 0	12. 0

Early Neo-Natal Mortality Rate (deaths under 1 week per 1,000)
total Live Births

	<u>Marple</u>	
1969	15. 0	10. 0
1970	9. 0	11. 0

Perinatal Mortality Rate (still birth and deaths under 1 week
combined per 1,000 total Live and Still Births)

	<u>Marple</u>	
1969	29. 0	23. 0
1970	31. 0	23. 0

<u>DEATHS</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
All ages (all causes)	111	117	228
<u>Death Rate per 1,000 population</u>			
	<u>Marple</u>	<u>England and Wales</u>	
1969	9.5	11.9	
1970	9.5	11.7	
Area Comparability Factor	1.14	1.00	
Local adjusted Rate	10.8	11.7	
<u>Deaths Maternal Causes</u>	Nil		
<u>Deaths Classified by Ages</u>			
	<u>Male</u>	<u>Female</u>	<u>Total</u>
under 4 weeks	1	2	3
4 weeks and under 1 year	-	1	1
1 - 4 years	-	-	-
5 - 14 "	2	-	2
15 - 24 "	2	1	3
25 - 34 "	2	2	4
35 - 44 "	2	1	3
45 - 54 "	5	1	6
55 - 64 "	25	9	34
65 - 74 "	29	34	63
75 and over	43	66	109
	<hr/>	<hr/>	<hr/>
	111	117	228
	<hr/>	<hr/>	<hr/>

CLASSIFICATION OF CAUSES OF DEATHS - 1970

No.	Cause of Death	1970	
		M	F
1	Malignant neoplasm, buccal cavity etc.	1	-
2	Malignant neoplasm, oesophagus	1	-
3	Malignant neoplasm, stomach	4	5
4	Malignant neoplasm, intestine	7	6
5	Malignant neoplasm, lung, bronchus	6	3
6	Malignant neoplasm, breast	-	4
7	Malignant neoplasm, uterus	-	5
8	Malignant neoplasm, prostate	6	-
9	Leukaemia	1	-
10	Other malignant neoplasms	4	3
11	Other Diseases of Nervous System, etc.	-	1
12	Chronic Rheumatic Heart Disease	-	3
13	Hypertensive Disease	2	2
14	Ischaemic Heart Disease	31	25
15	Other Forms of Heart Disease	9	5
16	Cerebrovascular Disease	15	18
17	Other Diseases of Circulatory System	3	9
18	Pneumonia	4	9
19	Bronchitis and Emphysema	6	6
20	Asthma	-	-
21	Other Diseases of Respiratory System	2	-
22	Other Diseases of Digestive System	1	1
23	Nephritis and Nephrosis	-	2
24	Other Diseases, Genito-Urinary System	-	1
25	Diseases of Musculo-skeletal System	1	2
26	Congenital Anomalies	-	1
27	Birth Injury, Difficult Labour etc.	-	1
28	Other Causes of Perinatal Mortality	1	-
29	Symptoms and Ill Defined Conditions	1	2
30	Motor Vehicle Accidents	5	-
31	All Other Accidents	-	3
TOTAL ALL CAUSES		111	117

MARBLE URBAN DISTRICT

EXTRACT FROM STATISTICS FOR THE YEARS 1960/70

Year	Estimated to mid-year	BIRTHS				STILL BIRTHS				DEATHS				DEATHS INFANTS UNDER 1 YEAR				
		Estimated Live Births	Still Births	Rate per 1,000 population	Rate per 1,000 live births	Rate per 1,000 population	Rate per 1,000 live births	Still Births	Causes	Adult Rate	Puerp Rate	Other Rate	Total Rate	Legit. Live Births	Infant Rate per 1,000 live births			
1960	15,710	265	261	4	16.86	5	5	—	0.32	18.51	182	11.58	—	5	5	—	18.86	
1961	15,910	281	273	8	16.61	2	2	—	0.12	17.06	207	12.24	—	6	6	—	21.035	
1962	17,860	310	303	7	17.40	3	3	—	0.20	19.60	213	11.90	—	6	6	—	19.40	
1963	19,220	363	356	7	18.88	10	10	—	0.52	26.81	218	11.34	—	7	6	—	19.28	
1964	19,920	389	377	12	19.53	5	4	1	0.25	12.69	210	10.54	—	—	7	7	1	17.99
1965	21,200	412	396	16	19.43	7	7	—	0.33	16.74	233	10.99	—	—	11	11	—	26.69
1966	22,600	413	403	10	18.27	3	2	1	0.13	17.21	234	10.22	—	—	10	10	—	24.21
1967	23,300	406	384	19	17.16	11	11	—	0.47	26.76	244	10.47	—	—	5	5	—	12.50
1968	24,060	398	372	26	16.50	5	4	1	0.21	12.40	247	9.00	—	7	7	—	17.60	
1969	24,100	343	327	16	14.23	5	5	—	0.20	14.36	229	9.50	—	—	6	5	1	17.50
1970	24,040	351	330	21	14.60	8	8	—	0.33	228	228	9.50	—	—	4	4	—	11.00

PREVALENCE OF AND CONTROL OVER NOTIFIABLE DISEASES

General. The following table shows the number of cases of each disease notified during the ten years 1961 to 1970 (inclusive)

DISEASE	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Smallpox	-	-	-	-	-	-	-	-	-	-
Scarlet fever	3	6	13	-	5	2	1	-	4	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Enteric (Inc. Paratyphoid)	3	-	-	-	-	-	-	-	-	-
Erysipelas	1	-	-	-	-	-	-	-	-	-
Acute Polio- myelitis	1	-	-	-	-	-	-	-	-	-
Ophthalmia Neonatorum	-	-	-	-	-	-	-	-	-	-
Pneumonia	1	1	-	-	-	-	1	-	-	-
Meningitis	-	-	-	-	-	-	-	-	1	-
Acute Encephalitis	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	1	-	2	-	1	-	-	-	-	-
Dysentery	8	-	-	3	21	-	31	1	7	-
Measles	70	106	63	194	95	58	166	22	38	172
Whooping Cough	3	-	1	7	2	-	1	-	-	-
Food Poisoning	-	-	-	-	25	-	-	-	1	2
Infective Jaundice	-	-	-	-	-	-	-	8	7	4
TOTALS	91	113	79	204	149	60	200	31	58	178

ANALYSIS OF NOTIFIED INFECTIOUS DISEASES

Number of cases notified as having occurred among persons of the ages specified below:-

	Measles		Dysentery		Infective Jaundice	
	M	F	M	F	M	F
Under 1 year	3	3	-	-	-	-
1 year	8	8	-	-	-	-
2 years	6	14	-	-	1	-
3 years	11	15	-	-	-	1
4 years	12	11	-	-	-	-
5 - 9 years	38	35	-	-	-	-
10 - 14 years	3	2	-	-	-	-
15 - 24 years	-	-	-	-	1	1
25 and over	-	-	-	-	-	-
Age unknown	1	2	-	-	-	-
Total for all Ages	82	90	-	-	2	2

	Scarlet Fever		Acute Meningitis		Food Poisoning	
	M	F	M	F	M	F
Under 1 year	-	-	-	-	-	-
1 year	-	-	-	-	-	-
2 years	-	-	-	-	-	-
3 years	-	-	-	-	-	-
4 years	-	-	-	-	-	-
5 - 9 years	-	-	-	-	-	-
10 - 14 years	-	-	-	-	-	-
15 - 24 years	-	-	-	-	1	-
25 and over	-	-	-	-	-	1
Age unknown	-	-	-	-	-	-
Total for all Ages	-	-	-	-	1	1

DIPHTHERIA

There have been no cases of Diphtheria since 1948.

The number of children who completed a full course of Primary Immunisation against Diphtheria during 1970 is as follows:-

Under 5 years	226
5 - 14 years	<u>5</u>
	231
	<u><u> </u></u>

During the year 518 children under the age of 15 years received re-inforcing injections.

SMALLPOX VACCINATION

Vaccination against Smallpox carried out during 1970 is as follows:-

Under 1 year	1
Under 5 years	136
5 - 14 years	35
Over 14 years	<u>58</u>
	230
	<u><u> </u></u>

REVACCINATION

Under 1 year	Nil
Under 5 years	1
5 - 14 years	33
Over 14 years	<u>178</u>
	212
	<u><u> </u></u>

POLIOMYELITIS VACCINATION

Vaccination against Poliomyelitis carried out during 1970 is as follows:-

	<u>Salk Vaccine</u>	<u>Oral Vaccine</u>
2 injections -	Nil	1st dose 266
3 injections -	Nil	2nd dose 273
4 injections -	<u>Nil</u>	3rd dose 247
		4th dose 522
	Nil	<u>1308</u>
	<u><u> </u></u>	<u><u> </u></u>

MEASLES

Under 5 years	163
5 to 15 years	<u>17</u>
	180
	<u><u> </u></u>

TUBERCULOSIS

NEW CASES AND MORTALITY DURING 1970

	NEW CASES				DEATHS			
	Males		Females		Males		Females	
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
0 - 1 years	-	-	-	-	-	-	-	-
1 - 5 years	-	-	-	-	-	-	-	-
5 - 15 years	-	-	-	-	-	-	-	-
15 - 25 years	-	-	1	1	-	-	-	-
25 - 35 years	-	-	-	-	-	-	-	-
35 - 45 years	-	-	1	1	-	-	-	-
45 - 55 years	-	-	-	1	-	-	-	-
55 - 65 years	1	-	-	-	-	-	-	-
65 and upwards	-	-	-	-	1	-	-	-
TOTALS	1	-	2	3	1	-	-	-

The number of cases remaining on the Tuberculosis Register at the end of 1970 was:-

	<u>Pulmonary</u>	<u>Non-Pulmonary</u>
Males	29	17
Females	38	21
	<u>67</u>	<u>38</u>

SECTION B

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities Bacteriological examination of Food, Milk, Water, Ice Cream and specimens from patients, were carried out at the Public Health Laboratory, Withington Hospital, Manchester.

The following services are provided by the Local Health Authority through the North East Cheshire Divisional Health Committee.

Ambulance Facilities. A 24 hour Ambulance Service is available, being provided by the County Borough of Stockport on an agency basis.

Nursing in the Home. There are four district nurses and three midwives who undertake nursing and maternity cases in the home. There are also four health visitors working in the area.

Home Help Service. Home Helps have assisted during the year in the following cases in the Marple Urban District.

Miscellaneous Sickness	.....	19
Confinement	.....	11
Chronic Sick including aged and infirm ...	103	
Tuberculosis	.....	-
Mental Illness	.....	2
		135

Child Health Clinics. Sessions are held weekly at Marple and fortnightly at Mellor, Marple Bridge and High Lane.

Attendances during the year were as follows:-

<u>Centre</u>	<u>New Cases</u>		<u>Total Attendances</u>		
	<u>0 - 1 year</u>		<u>0 - 1 year</u>	<u>1 - 2 years</u>	<u>2 - 5 years</u>
Marple	82		784	341	74
Marple Bridge	24		58	147	105
Mellor	14		113	108	82
High Lane	55		424	560	132

Diphtheria, Tetanus, Whooping Cough, Poliomyelitis and Measles Protection.

A special clinic is held at the Marple Centre on the 3rd Wednesday in every month. Immunisation is also carried out twice monthly at the end of the welfare clinics at Marple Bridge, Mellor and High Lane. In addition, immunisation is carried out free of charge by general medical practitioners at their surgeries. An annual visit is made to all primary schools in the district for the purpose of giving diphtheria and tetanus booster injections. The secondary schools are also visited annually to give B.C.G. vaccination and rubella vaccination to girls.

Chiropody Service. Financial help in obtaining chiropody treatment is given to persons aged 65 years and over, persons registered as physically handicapped and expectant mothers on the recommendation of their family doctor. Treatment is given by a chiropodist chosen by the patient.

Cervical Cytology Clinic. Special clinic sessions for the examination of cervical smears are held at the Clinic Centre at Marple. Attendance is by appointment.

Club for Physically Handicapped Persons. A social club for physically handicapped persons meets every other week at Hazel Grove. In addition, the handicrafts section meets twice monthly. Transport is provided in the majority of cases by members of the W.V.S.

Welfare Foods. Welfare foods are on sale at the Council Offices, Marple, from Monday to Friday and at all child welfare clinics in the district.

Services Provided by the Regional Hospital Board.

Hospitals. Marple Dale Hospital and the Orthopaedic Hospital for crippled children are both situated in the Urban District. There is no general hospital in the area. Patients from the area are admitted to hospitals in neighbouring districts. Maternity cases requiring hospital accommodation are also admitted to hospitals outside the area. Where necessary infectious disease cases other than smallpox are admitted to the Isolation Hospital, Monsall. Facilities for smallpox cases are provided at Ainsworth Smallpox Hospital, near Bury.

Tuberculosis and Venereal Diseases. Special Clinics for the diagnosis and treatment of Tuberculosis and Venereal Diseases are held at Stepping Hill Hospital, Stockport and St. Thomas Hospital, Flint Street, Stockport, respectively.

SECTION C.

Water Supply Water is supplied to the district by the Stockport and District Water Board. A service reservoir at Jacksons Edge, Disley, supplies Marple and High Lane. Jordanwall reservoir Mellor, supplies the Mellor and Marple Bridge areas. The sources of all mains water is outside the Urban District.

Samples of water taken during the year were mainly found to be of a high bacteriological standard. However, one sample taken on the Jordanwall supply was below standard and investigations into the mains and services was undertaken by the Water Board. Repeat samples taken by both authorities showed satisfactory results.

There are a number of private supplies from wells and springs at outlying premises, but an increasing number of persons are taking advantage of modern purification methods for their supply.

TABLE SHOWING RESULTS OF BACTERIOLOGICAL EXAMINATIONS.

Source of Samples	Class 1 No B. Coli per 100 m.l.	Class 2 One to Two B. Coli per 100 m.l.	Class 3 Three to Ten B. Coli per 100 m.l.	Class 4 More than Ten B. Coli per 100 m.l.
Stockport Jacksons Edge Supply	3	-	-	-
Jordanwall Supply via Broadhurstedge	1	-	1	-
Private Supplies	-	-	-	-
Swimming Baths	2	-	-	-
TOTAL	6	-		

BACTERIOLOGICAL AND CHEMICAL ANALYSIS OF TYPICAL SAMPLES
OF WATER FROM THE KINDER SUPPLY SHOWED THE FOLLOWING
RESULTS:-

CHEMICAL ANALYSIS

Reaction - pH value	.....	7.70
Colour - Hazen Units (p.p.m.Pt.)	.....	6
Turbidity - Silica Standard - p.p.m.	.....	0.7
		Parts per million
Free Acidity as CO_2	.....	2
Free Alkalinity as Ca CO_3	.....	Nil
Total Alkalinity as Ca CO_3	.....	13
Carbonate hardness as Ca CO_3	.....	13
Non-carbonate hardness as Ca CO_3	.....	34
Total as Ca CO_3	.....	47
Chlorides (Cl_2)	.....	10
Nitrates - Nitric Nitrogen as N_2	.....	2.48
Nitrites - Nitrous Nitrogen as N_2	.....	0.001
Free and Saline Ammonia as N_2	.....	0.02
Albuminoid Ammonia As N_2	.....	0.07
Oxygen absorbed Test, 4 hours at 27°C}	.....	0.46
Total Iron as Fe	.....	0.02
Manganese as Mn	.....	0.03
Silica (SiO_2)	.....	8
Alumina as Al	.....	0.06
Lead as Pb taken up in second 24 hours	.....	0.12
Fluorides as F	.....	Nil

Bacteriological Examination

Probable number of coliform bacilli per 100 mls. 0

DRAINAGE AND SEWERAGE

The built up areas of the district are provided with sewers. Sewage from Mellor, Ludworth and a small part of Marple is dealt with at the Council's Low Marple Works. Early in 1971 the Council accepted a report from their Consultant Engineers detailing improvements and extensions necessary at the Low Marple Works. Sewage from Strines and part of Strines Road is dealt with at the small Strines Works. Sewage from the rest of the district is dealt with by agreement with the Hazel Grove and Bramhall Urban District Council at their Bongs Valley Works.

Phase 1 of the new main sewer in the High Lane area recommended by the Council's Consultant Engineers was completed during 1970. Early in 1971 the Council accepted their Consultant Engineers' further report on Phase 11 of this scheme.

Some isolated properties in the outlying parts of the district rely on septic tanks or cesspools for sewage disposal. Modernisation of older property, formerly without water closets has resulted in an increased number of septic tanks.

RIVERS AND STREAMS

There have been fewer complaints regarding the pollution of the Rivers Etherow and Goyt, but the change in colour of the water is very obvious on occasion. Pollution of minor streams has been evident during the year and in many cases after extensive investigation, has been traced to blocked or leaking sewers.

SANITARY ACCOMMODATION Details of the types of sanitary accommodation in the district are as follows:-

Houses with water closets	7,728
Houses with Pail closets etc.	70
Total number of Ashbins (All premises)	10,658
Total number of paper sack stands	160

There has been a further reduction in the number of pail closets and improvements were being carried out at the three houses which used a privy midden.

REFUSE COLLECTION AND DISPOSAL AND SANITARY PAIL COLLECTIONS

Domestic refuse is collected by three vehicles viz. one Compression type and two Dual Tip vehicles. Each vehicle is manned by three men and a driver. A fourth vehicle with driver and loader is used to deal with trade refuse and bulky items.

The more scattered parts of the district are supplied with paper sacks and stands and a weekly collection is operated by an open vehicle used for pail collection.

The Council's Work Study Section have throughout the year been engaged on a survey of the refuse collection and disposal service. It is expected that their report will be implemented early in 1971. The disposal of refuse is by means of controlled tipping at Middlewood, a disused brickworks. A four wheeled drive tractor was purchased during the year to increase mobility and to enable a compound provided at the entrance to the Tip to be regularly cleared of refuse.

Considerable difficulty was experienced during the year due to the flooded area of the quarry. Pumping of the water was necessary and a large portion of the land was drained and subsequently filled with refuse.

REFUSE COLLECTION AND DISPOSAL COSTS

The cost of Refuse Collection and Disposal and Pail Collection for the financial year 1970/71 is as follows:-

<u>Refuse Collection</u>	£
Wages etc.	12, 777
Bonus	2, 068
Equipment	100
Paper Sacks	183
Protective Clothing	125
Haulage	11, 830
Renewals Contributions	2, 387
Central Establishment Charges	6, 570
Other Expenses	<u>255</u>
	36, 295
	Less Income
	<u>990</u>
	35, 305

Refuse Disposal

Wages	1, 425
Road Repairs	705
Site Maintenance and pumping	303
Fencing and gates	80
Rates	105
Equipment and materials	165
Protective clothing	4
Haulage and plant	717
Renewal contribution	1, 643
Telephone	28
Central Establishment Charges	780
Debt management expenses	13
Other expenses	10
Debt charges	<u>1, 067</u>
	7, 045

Less Income Disley R.D.C. for
use of Tip £1,136

Less Other Income £230

1, 366

5, 679

Estimated weight of refuse collected and
disposed of by controlled tipping:-

8,400 tons.

Sanitary Inspection of the Area:-

Inspections made during the year 1970:-

Nature of Inspections

Water Supply and Sampling	19
Drainage Repairs and Stoppages	54
Stables, Piggeries and Poultry Houses	1
Rivers, Streams and Canals re Pollution etc.	40
Tents, vans and sheds	11
Factories	12
Hairdressers	1
Workplaces	1
Outworkers	2
Public Conveniences	1
Theatres and Concert Halls	20
Refuse Collection and Disposal	1,290
Rodent Control	451
Smoke Control Areas	1,003
Smoke Observations & Visits re Clean Air Act	21
Schools	5
Offices, Shops & Railway Premises	31
Accumulations on land etc.	46
Yards, Courts, Passages	1
Public Baths	4
Public Health Laboratory	8
Hospitals	1
Miscellaneous Visits	209
Dangerous Buildings etc.	2
Pigeons	54
Animal Boarding Establishments	1
Riding Establishments Act	1
Noise Nuisance	1
No. of houses inspected under the Public Health Acts	128
Re-inspection	65
No. of houses inspected under the Housing Acts	42
Re-inspection	19
Overcrowding	1
Insect Infestations	207
Miscellaneous Housing visits, including visits re Council Houses	140
Qualification Certificates	6
Improvement & Standard Grants	10
Inquiries in cases of Infectious Diseases	6
Visits re disinfection	2
Miscellaneous infectious disease visits	15
Slaughterhouses	1,007
Butchers	10
Fishmongers and Poulterers	3
Greengrocers and Fruiterers	9
Grocers	51
Bakehouses	5
Fried Fish Shops	3
Confectioners	6
Sweets and Chocolate Shops	1
Farm Premises	16
Dairies, Milkshops, Milk Distribution & Sampling	5
Ice-cream premises and Sampling	5
Food preparing premises	7
Restaurants, Cafes and Hotels	9
Other food and drug samples	1
Milk and food vehicles	1
Street vendors vehicles etc.	1
Food poisoning	2
	5,401

NOTICES - INFORMAL

	<u>Served</u>	<u>Complied With</u>
Public Health Act 1936	30	14
Housing Act, 1957 - 1961	-	-
Slaughterhouses Acts and Regulations . . .	9	5
Food Hygiene (General) Regulations, 1960 .	15	3
Delivery Vehicle Regulations, 1966 . . .	-	-
Factories Act, 1961	2	3
Caravan Sites	-	-
Clean Air Act, 1956	-	-
Offices, Shops & Railway Premises Act 1963	14	-
	70	25

NOTICES - STATUTORY

Public Health Act, 1936	2	-
Housing Act, 1957 (Time and Place Notices).	1	1

PROSECUTIONS.

There were no prosecutions during the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The district is largely residential and there are no large offices, warehouses or emporiums. Many of the small shops have no employees and consequently the number of registered premises is only 141 as indicated on the statistical report herewith.

The number of premises receiving a general inspection during the year was higher than in 1969. However, it is expected that all the registered premises will have received an inspection during 1971.

Two cases of injury due to accidents have been notified during the year.

The prescribed particulars submitted under Section 60 of the Act are as follows:-

Table A Registrations and General Inspections

(1)	(2)	(3)	(4)
<u>Class of premises</u>	<u>Number of premises Newly registered during the year</u>	<u>Total number of registered premises at end of year</u>	<u>Number of registered premises receiving a general inspection during the year</u>
Offices	0	23	1
Retail Shops	1	101	26
Wholesale Shops, Warehouses	—	—	—
Catering Establishments open to public, Canteens	—	15	2
Fuel Storage Depots	—	2	—
	1	141	29

Table B Number of visits of all Kinds by Inspectors
to Registered Premises

Table C Analysis of persons employed in registered premises by Workplace

(1)	(2)
<u>Class of workplace</u>	<u>Number of persons Employed</u>
Offices	66
Retail Shops	299
Wholesale Departments, warehouses	110
Catering establishments open to the public	64
Canteens	1
Fuel storage depots	14
	<u>Total</u> 440
Total - Males	<u>248</u>
Total - Females	<u>292</u>

The Caravan Sites and Control of Development Act, 1960 This Act, which brought into effect a new licensing system for caravans became operative on 29th August, 1960. There are five licensed sites which have received a general inspection during the year and these are satisfactory.

SMOKE CONTROL AREAS

The Council's first Smoke Control Order became effective on 1st March, 1963. The Council's original programme to cover the whole district with a series of smoke control areas was temporarily suspended until all the implications of the Ministry Circular which made it clear that ordinary gas coke would not be available for future smoke control areas, had been considered.

A revised programme has now been adopted and the Marple No. 2 Smoke Control Order became operative on 1st November, 1969. The area affected by the Order contains 923 dwellings and 24 other premises.

Further delays in implementing the No. 3 Area were caused during the year due to the premature withdrawal of gas coke and the subsequent shortage of hard cokes to replace the deficiency.

The No. 1 Smoke Control Order was suspended until the end of the 1970/1971 winter period.

PEST CONTROL

The number of infestations discovered and treated during the year is-

Rat infestations	.....	96
Mice infestations	.....	16
Number of properties inspected	.....	112

The control of mice, using Warfarin, became more difficult throughout the year. The baiting procedure was, therefore, changed and control was effective using Alphachloralose.

A full sewer treatment was not carried out due to shortage of staff. However, it is expected that a full treatment will take place during 1971.

Insect Infestation

The number of infestations notified and treated during the year is:-

(1)	Fleas, flies, bedbugs etc.....	74
(2)	Wasps nests	..... 62

Pigeon Control

A number of complaints were received throughout the year, arising from excessive numbers of pigeons.

Five treatments were carried out by the Public Health Inspector's staff under the supervision of a member of the Ministry of Agriculture, Fisheries and Food.

The treatments were fairly successful using the recommended baits and the number of pigeons was reduced.

SCHOOLS

There are ten primary schools, two secondary grammar schools, and two secondary modern schools in the Urban District. The water supply in all cases is satisfactory in quantity and quality.

PARKS AND RECREATION GROUNDS

The area of parks, recreation grounds and public open spaces in the district is as follows:-

		<u>Area in Acres</u>
Memorial Park	.....	14.020
High Lane Park	.....	10.520
Mellor Memorial Park	.....	.360
Brabyns Park	.....	91.175

Recreation Grounds

Marple Village	.....	6.380
Windlehurst	.....	.400
Ludworth	.....	3.230
Mellor	.....	2.750
Hawk Green	.....	6.020
Strines Road	.....	.500
Mill Brow	.....	.500

Open Spaces

Barlowwood	.....	20.000
Marple Hall	.....	.355
		156.210

SWIMMING BATHS

The public swimming bath is supplied with mains water. The water is treated by continuous filtration and chlorination. The amount of residual chlorine is ascertained at intervals by means of a comparator and samples are taken periodically and submitted to the Public Health Laboratory for bacteriological examination.

Record of attendances of bathers for 1970

MONTH	Adults	Children	Total	Spectators
March	366	3,656	4,022	439
April	1,215	11,592	12,807	1203
May	1,859	10,798	12,667	1222
June	1,525	12,885	14,410	1058
July	1,672	10,385	12,057	944
August	1,176	10,677	11,853	1138
September	1,047	8,051	9,098	726
October	745	6,849	7,594	650
November	184	1,687	1,871	230

Total number of bathers 86, 379

Total number of spectators 7, 610

	<u>Bathers</u>	<u>Spectators</u>
Total for 1970	86, 379	7, 610
" for 1969	91, 726	7, 438
" for 1968	92, 945	6, 946
" for 1967	95, 934	6, 281
" for 1966	83, 945	7, 187
" for 1965	69, 209	5, 715
" for 1964	66, 615	4, 767
" for 1963	61, 564	4, 620
" for 1962	57, 950	4, 176
" for 1961	60, 247	4, 384

S E C T I O N D
INSPECTION OF DWELLING HOUSES

During the year, individual unfit houses have been dealt with under the provisions of Section 16 and 17 of the Housing Act, 1957. Other housing defects have been dealt with by action under the provisions of the Public Health Acts.

New Dwellings

Number built by the Council during the year	.... Nil
" under construction	.... Nil
" built by private enterprise	.... 71

Tenancy of Council Houses

The Department is responsible for the letting of all Council houses, flats, bungalows and garages.

During the year 32 tenancies have been allocated to applicants from the waiting lists:-

Houses	.....	22
Flats	.....	5
Flatlets	.....	0
Bungalows	.....	5

S E C T I O N E

Milk Supply.

The Milk (Special Designation) Regulations, 1960.

Dealers' Licences are issued by the Food and Drugs Authority and remain in force for five years. District Councils are required to maintain a register of dealers and dairies.

There are 23 dealers registered.

There are nine dairy herds from which milk is sold raw to the public. Three of these are accredited under the Brucellosis (Accredited Herds) Scheme.

Samples of milk as sold to the public are taken regularly by a County Sampling Officer and submitted to the laboratory to be tested for keeping quality, and in the case of pasteurised and sterilised milk, the efficiency of the treatment is also tested. In addition, biological tests are carried out on raw milk sold without heat treatment to the public. Tuberculous infection is now extremely rare, and none has been found during the year, but infection with brucella abortus has been found to be present in a number of samples. These cases were dealt with by the Health Department in consultation with the County Health Department.

The following table gives details of laboratory tests carried out on milk samples during the year.

Methylene Blue Test	Phosphatase Test	Turbidity Test
<u>Passed</u>	<u>Failed</u>	<u>Passed</u>
238	11	64
		-
		5
		-

<u>Brucella Samples</u>		Number Brucella Positive
	Total <u>Submitted</u>	
Bulk Samples	53	-
Dealer Samples (Herd Samples)	142	1
Individual Cow samples	132	2
	327	3

Meat Inspection

The number of cattle slaughtered during the year showed an increase of 218 over 1969 and the number of sheep and pigs increased by 410 and 359 respectively.

There are four licensed slaughterhouses situate as follows:-

Hawk Green Marple Bridge and High Lane (two)

During the year 1,007 visits were made to slaughterhouses for the purpose of meat inspection.

The number of carcasses examined during the year, 1970, is as follows:-

Bovines, including Bulls, Oxen, Cows, Heifers	.....	7,048
Calves	.....	3
Sheep	.....	29,161
Pigs	.....	<u>816</u>
		37,028

The quantity of meat condemned as unfit for human food has decreased by 2898 lbs. This is due to the greater number of young animals slaughtered as opposed to the larger number of cows slaughtered in the previous year.

One case of tuberculosis was found in a pig's head, but no further trace was discovered in the animal.

Weight of meat, including offal, affected with Tuberculosis 12 lbs.
Weight of meat affected with other diseases 19,453 lbs.
Total 19,465 lbs.

ANALYSIS OF CARCASSES INSPECTED AND OF CONDEMNATIONS

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	6,611	437	3	29,161	816	-
Number inspected	6,611	437	3	29,161	816	-
<u>All diseases except</u> <u>Tuberculosis and</u> <u>Cysticerci</u>	-	-	-	-	-	-
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	1,478	94	-	1,229	38	-
Percentage of the number inspected affected with disease other than Tuberculosis or Cysticerci	22.35	21.51	-	4.27	4.60	-
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned.	-	-	-	-	-	-
Percentage of the number inspected affected with Tuberculosis	-	-	-	-	0.12	-
<u>Cysticercosis</u>						
Carcasses of which some part or organ was condemned.	4	1	-	-	-	-
Carcasses submitted to treatment by refrigeration.	1	-	-	-	-	-
Generalised and Totally condemned	-	-	-	-	-	-

FOOD INSPECTION AND FOOD PREMISES

Unsound Food Condemned

The total weight of food condemned other than meat at slaughterhouses, was 1,635 lbs. and 7,820 fluid ozs. Of this, 1,160 lbs. was rendered unfit for human consumption owing to the failure of deep freeze units and refrigerators.

Over the past few years, the incidence of food condemned due to refrigerator breakdowns has increased and the quantity of food involved has taken more staff time in dealing with complaints.

Generally the reason for condemnation was decomposition due to faulty canning, damaged cans, unsatisfactory storage and bone taint.

FOOD PREMISES

There are 122 premises where food of various kinds are prepared, stored or sold. Regular inspections are made to all food premises to enforce the Food Hygiene (General) Regulations.

7	Bakehouses
50	Grocery and Mixed Food Stores
17	Confectioners
13	Greengrocers
4	Fishmongers and poultry dealers
7	Fish and Chip shops
17	Butchers
7	Cafe Restaurants

There are also 33 licensed hotels and inns.

Number of Registered Food Premises

57	For sale of ice cream.
16	For manufacture of potted and preserved foods.

The Food Hygiene (General) Regulations, 1960

Inspection of food premises under these regulations, continued during the year. The standard of hygiene generally is good. Again, due to pressure of work and staff changes, it has not been possible to visit premises as regularly as is desirable.

Seven samples of ice cream were taken during the year for bacteriological examination, five were grade 1 and two were grade 2.

Shops Act, 1950

The Council became the enforcing Authority for the above Act during the year. One case of a fish and chip shop, which opened on Sunday evenings, was satisfactorily dealt with.

Adulteration of Food

The County Council administer the sections of the Food and Drugs Acts dealing with the adulteration of food.

Riding Establishments Acts 1964 - 1970

The Council became the enforcing Authority for the above Act during the year. There was one registered establishment and conditions were satisfactory. However, this was voluntarily closed during the year.

Animal Boarding Establishments Act, 1963

There were two premises registered under the above Act. Both were considered satisfactory.

Factories Act, 1961

<u>Inspection of Factories</u>	<u>Inspections</u>	<u>Notices</u>	<u>Prosecutions</u>
Factories with Mechanical Power.	12	3	0
Factories without Mechanical Power	0	0	0
<u>Defects</u>	<u>Found</u>	<u>Abated</u>	<u>Referred to H.M.I.</u>
Want of cleanliness	1	1	0
Overcrowding	0	0	0
Unreasonable temperature	0	0	0
Inadequate ventilation	0	0	0
Ineffective drainage of floors	0	0	0
Sanitary conveniences insufficient	0	0	0
Sanitary conveniences unsuitable or defective	2	2	0
Sanitary conveniences not separate for sexes	0	0	0
Other offences	0	0	0
	3	3	0

There is one factory in the Urban District employing outworkers.

The number of outworkers in the district receiving work from factories in other areas is one. The house has been visited and the conditions found were satisfactory.

